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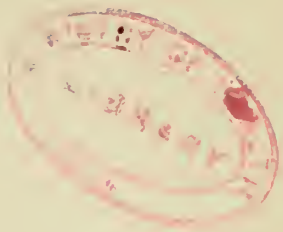
Amlwch Urban District.

Medical Officer's ~
~ Annual Report
for 1937.

AMLWCH:

Printed by W. T. Williams & Son, Caxton Printing Works.

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GWYNDY,
AMLWCH,
AUGUST 26, 1937

To the Chairman and Members of the Urban District of Amlwch.

GENTLEMEN,

I have the honour to present to you my Annual Report upon the Health and Sanitary condition of the District with Statistics relating to Births and Deaths for the year ending December, 1937.

SECTION A.—Statistics and Social conditions of the area.

Area	..	4,062 acres.
Population	..	2,524
Number of Inhabited Houses	..	9,18
Number of families or separate occupiers	..	918
Rateable Value	..	£9,442 0s. 0d.
Sum produced by a penny rate	..	£35 4s. 8d.

Social Conditions.

The district has developed during recent years as a holiday resort during the Summer Months. There are practically no local industries and many young men leave the district to seek work. The majority of them go to sea. About one half of the district is agricultural in character.

As regards unemployment the position has been practically level all the year round. There has been a slight depression in the Shipping Trade, with the result more seamen were unemployed. Speaking of the present time, the hold up in the Bull Bay Road improvement is causing slight unemployment among the labourers.

Extracts from Vital Statistics of the Year:—

<i>Live Births</i>	<i>Male</i>	<i>Female</i>	<i>Total.</i>
Legitimate	23	14	37
Illegitimate	1	3	4—41
<i>Still-Births</i>	<i>Male</i>	<i>Female</i>	<i>Total.</i>
Legitimate	2	0	2
Illegitimate	0	0	0—2

The Live Birth-Rate was equal to 16·2 per 1,000 of the population and a decided improvement on last year's rate of 9·3 which was the lowest recorded by me.

The Live-Birth Rate for England and Wales was 14·9 per 1,000 of the population.

The Still-Birth Rate was 0·79 per 1,000 of the population as compared with 0·60 for England and Wales.

The combined Birth-Rate equals 17·0 per 1,000 of the population.

Deaths.

The number of deaths during the year was 18 males and 30 females which is equivalent to a Death Rate of 19·0 per 1,000 of the population as compared with last year's rate of 17·8

The Death-Rate for England and Wales was 12·4 per 1,000 of the population.

In view of the heavy death rate the following table may be of interest, out of 48 deaths 33 were over 60 years of age.

Number of	Deaths ^{over} between 90 years of age	..	..	2
"	" ^{between} 80 and 90 years of age	..	..	10
"	" " 70 and 80 years of age	..	..	15
"	" " 60 and 70	..	..	6

Number of persons dying in, or in consequence of child-birth:—

From Sepsis	..	..	None
From other causes	..	..	None

Deaths of Infants under 1 year of age:—

Legitimate	..	..	..	1
Illegitimate	..	..	..	0

The above equals a rate of 24·3 per 1,000 live births, and is the lowest on record for the district. The rate for England and Wales was 58·0

Deaths from Cancer (all ages)	..	..	7
Deaths from Measles (all ages)	..	..	None
Deaths from Whooping Cough (all ages)	.	..	None
Deaths from Diarrhoea (under 2 years of age)		..	None

Cancer.

Accounted for 7 deaths being 3 males and four females. This equals a rate of 2·7 per 1,000 of the population.

Respiratory Diseases.

One female died from acute Pneumonia, and this gives a rate of 0·39 per 1,000 of the population

Circulatory Diseases.

To this class are ascribed the largest number of deaths, viz :—4 from Cerebral Hæmorrhage, 14 from Heart Disease and 3 to other Circulatory Disease. This gives a rate of 8·7 per 1,000 of the population.

SECTION B.

General Provision of Health Services for the Area.

One fully trained Nurse and one Maternity Nurse reside in the district as well as one untrained certified Midwife who has practically retired. The two trained Nurses are employed by the Local Nursing Association and they are both periodically visited and inspected by the County Medical Officer and by the Superintendent of Nurses. These Officials report quarterly on their work to the Public Health Committee of the County Council and to the County Education Committee regarding the work done in the Schools.

Both Nurses act as Health Visitors to expectant mothers and to children up to five years of age.

Local Government Act 1929—Maternity and Child Welfare.

In 1936 a scheme was drawn out by the Anglesey County Council under Section 101 of the Local Government Act, 1929, for the approval of the Ministry of Health, for the payment

by the Council of annual contributions towards the expenses of the voluntary associations providing maternity and Child Welfare Services in and for the benefit of the County. This was approved by the Ministry and works very satisfactorily.

Laboratory Facilities.

Suspected Sputum was examined by the King Edward the VII Welsh National Memorial Association, and throat swabs, blood, etc. by Messrs. Evans, Sons, Lescher & Webb, Runcorn and by the Virol Research Association, London.

Samples of water from Public Wells, Shafts, &c., were analysed chemically and bacteriologically by Messrs. Harold Lowe & Son of Chester.

Food stuffs and Milk were supervised by the Inspector under the Food and Drugs Act of the County Council.

Ambulance Facilities.

1. The Ambulance for the removal of Infectious Diseases is housed at the Druid Isolation Hospital.

2. The Ambulance for the conveyance of non-infectious and accident cases is housed at Llangefni. Both of these Motor Vehicles are the property of the County Council, and are available for the district.

Nursing in the Homes.

Both the Nurses visit the sick and injured at their homes.

School Clinics.

There is one School Clinic in the district, and is held at the Council School under the jurisdiction of the County Education Authority. It applies to children attending the Elementary Schools of the district for Orthopædic Minor Ailments and Dental treatment. The District Nurse attends the Clinic twice a month, the Medical Officer once a month, and the School Dentist according to his time-table for the County.

The Schools obtain their water supply as follows:—

	<i>For Washing Purposes.</i>	<i>For Drinking.</i>
Amlwch Council School ..	Rain Water.	Well Water.
Amlwch Church of England School	Ffynnon Fair.	Ffynnon Fair.
Amlwch Port Infants School ..	Well and Pump.	Well and Pum

Infant Welfare Centre.

This centre is for the town of Amlwch and the adjoining districts. The average attendance during the year under review was 42. The centre has been a success.

Hospitals.

The following Hospitals provided or subsidised by the County Council are available for the District :—

1. TUBERCULOSIS.

Penhesgyn (female children) Non-Tubercular.
Llangefni
Bryn Seiont (Caernarvonshire)
The North Wales Sanatorium (Medical and Surgical)
Talgarth Sanatorium (Medical).

2. MATERNITY.

A bed is subsidised at the Caernarvonshire and Anglesey Infirmary for the treatment of complicated and difficult Maternity Cases in the County. Accommodation for cases of Puerperal Fever is provided at the Druid Isolation Hospital.

3. INFECTIOUS DISEASES.

The Druid Isolation Hospital, the Small-pox Hospital at Caergeiliog. Both of these Institutions are maintained and administered by the County Council.

4. CHILDRENS GENERAL HOSPITAL.

None with the exception of the one at Penhesgyn already mentioned. This belongs to the King Edward VII Welsh National Memorial Association.

5. VENEREAL DISEASES.

A combined centre for treatment at the Caernarvonshire and Anglesey Infirmary. The joint scheme formed many years ago has proved efficient.

SECTION C.—Sanitary Circumstances of the Area.

Water Supply.

The water supply consists of Pumps, Wells, Springs, Private Wells, and Shafts, and also the water from the drainage of the sub-soil. There are twenty seven Public Wells and these were frequently inspected and cleansed, and on every occasion the Sanitary Inspector found an

adequate supply of water. Of the above Wells, 16 are covered and have a pump attached to them, and the remaining 11 are well protected with stone or brick walls, but without pumps. During March 1937 the town was visited by Dr. Matthews, one of the Inspectors of the Welsh Board of Health, owing to a complaint having been received from a resident of Amlwch Port. I took a sample of water from the Llamcarw Well and had it examined chemically and bacteriologically. The chemical analysis proved that the water was not altogether satisfactory, this being probably due to the need for cleaning out the well. The bacteriological analysis result was similar and suggested that some impure surface water might be entering the well. However, the well was thoroughly cleansed with satisfactory results. In June 1937 I took a sample of water from the Pump Well, Well Street. This was analysed both chemically and bacteriologically and proved to be perfectly satisfactory in all respects. The majority of the houses in the Bull Bay district are supplied with water from a private reservoir, which is the property of the Anglesey Estate. During the year most of the Public Wells were cleansed and the pumps painted.

Proposed Water Scheme.

The boring operation in the field adjoining Ffordd Syr Rhys was discontinued in March 1937, as no evidence of a water supply was found. During the latter part of the year your authority opened negotiations with the Tŷrcelyn District Council with a view of joining them in their scheme, having ascertained from the Water Engineer, Mr. Ward, that there is an ample supply of water at a particular source.

Drainage and Sewerage.

A new drain was constructed at the back of Park Terrace. The drains at the back of Mona Street and Salem Street were opened and cleansed during the year. The main drain in Bull Bay was extended into the sea by 45 yards, and one opposite Rutland Avenue was repaired a complaint having been received that it was a source of nuisance.

The Cesspools connected with the houses at Penybone and with Trehinon were reconditioned and cleansed. Again I received a complaint of a nuisance emanating from the Public Urinal in Salem Street, and the Sanitary Inspector did his best by means of disinfectants, etc. to remove the same.

The Dumping Ground at Ponc-y-felin has been extended. The Ministry of Health approved of the plans and specifications, &c. of the Public Conveniences in Amlwch Port, and I am glad to state that the work is almost completed and will be a great boon to this particular district. I wish to emphasize the urgency of providing similar conveniences in the town area. The question of bridging the Red River has been discussed on several occasions, and it has been suggested that this would be a very suitable site for this building. Surface and slop water drains are provided for the whole of the Town area and a greater part of the Port area.

Rivers and Streams.

Some of the drains discharge their contents into the Red River which contains water strongly impregnated with copper sulphate. A few drains discharge surface water into an adjoining stream of clear water which joins the Red River within a few yards.

Closet Accommodation.

The water closet system is on the increase in the district particularly in the case of new houses. The closets are directly connected with septic tanks or cesspools. This system is in general use in Bull Bay where the main drain discharges into the sea. The Pail system is more commonly used in the Town and Port area, and has been used since the district obtained its Urban Powers. Each householder has the option of having a pail closet or an ordinary privy granting that there is an open space of 60 feet between it and the nearest dwelling house. The pail with its contents is removed weekly by the sanitary cart to the tipping ground where it is treated with lime, etc.

Public Cleansing.

Several Cesspools were cleansed during the year. There is a whole time scavenger who attends to the surface water drains and the general cleanliness of the streets, and to the removal of anything which may be a source of nuisance.

Shops

Having received a complaint that sulphur fumes contaminated the air in a certain shop the Inspector and I investigated the case, and found that the fumes emanated from an adjoining Public Bakery and the nuisance was abated.

Smoke Abatement.

No action was necessary.

Swimming Baths and Pools.

There is no Public Swimming Bath in the district. There is a privately owned open air Swimming Bath in Bull Bay which is filled and emptied by the flow and ebb of the tide.

Eradication of Bed Bugs.

No action was necessary.

SECTION D.—Housing.

1. Inspection of Dwelling Houses during the year :—
 1. (a) Total number of Dwelling Houses inspected for Housing defects (under Public Health or Housing Acts) 55
 - (b) Number of Inspections made for the purpose 69
 2. (a) Number of Dwelling Houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 154
 - (b) Number of Inspections made for the purpose 173
 3. Number of Dwelling Houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 24
 4. Number of Dwelling Houses (exclusive of those referred to under preceding sub-head), found not to be in all respects reasonably fit for human habitation. 15
2. Remedy of Defects during the year without service of formal notices :—

Number of defective Dwelling Houses rendered fit in consequence of informal action by the Local Authority or their Officers .. 13
3. Action under Statutory Powers during the year :—

(A) Proceedings under Sections 9, 10, & 16 of the Housing Act 1936.

 - (1) Number of Dwelling Houses in respect of which notices were served requiring repairs 39
 - (2) Number of Dwelling Houses which were rendered fit after service of formal notices :
 - (a) By Owners 7
 - (b) By Local Authority in default of Owners 0

(B) Proceedings under Public Health Acts.

(1) Number of Dwelling Houses in respect of which notices were served requiring defects to be remedied	9
(2) Number of Dwelling Houses in which defects were remedied after service of formal notices :—	
(a) By Owners	9
(b) By Local Authority in default of Owners .. .	0

(C) Proceedings under Section 11 and 13 of the Housing Act 1936.

(1) Number of Dwelling Houses in respect of which Demolition Orders were made	10
(2) Number of Dwelling Houses Demolished in pursuance of Demolition Orders	3

(D) Proceedings under Section 12 of the Housing Act 1936.

(1) Number of separate tenements or under ground rooms in respect of which Closing Orders were made	0
(2) Number of separate tenements or under ground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0

4 Housing Act 1936.—Part iv. Overcrowding.

(a) (1) Number of Dwellings overcrowded at the end of the year ..	10
(2) Number of families dwelling therein	10
(3) Number of persons dwelling therein	42
(b) Number of new cases of overcrowding reported during the year ..	0
(c) (1) Number of cases of overcrowding relieved during the year ..	2
(2) Number of persons concerned in such cases	10
(d) Particulars of any cases in which Dwelling Houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	0
(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	None

The Surveyor and I presented a list of dwelling houses requiring demolition to the Council in April and September, 1937. The Council had already decided to build 24 new houses—8 in Pentrefelin, 4 with 2 bedrooms, and 4 with 3 bedrooms—8 in Lôn Bach, 2 with 2 bedrooms, 4 with 3 bedrooms, and 2 with 4 bedrooms—4 in Lôn Goch, 3 bedroom houses, and 4 in Llaneilian Road, 2 bedroom houses. An undertaking to recondition 58 houses was given. In 15 the work was satisfactorily completed, in 12 the work was in progress at the end of the year, and in the case of the remainder the period was extended. The number of condemned houses demolished during the year was ten. New dwelling houses erected during the year 3—additions and alterations to existing dwelling houses 11—New Garages or Sheds 11—Public Cinema 1.

SECTION E.—Inspection and Supervision of Food.

Milk Supply.

All the Dairies and Cowsheds in the district were inspected either by the Sanitary Inspector or myself during the year. We found them clean, well ventilated, and complying with the Milk and Dairies Order.

Under the Milk (Special designations) Order 1936, the examination of milk from the district was carried out according to the instructions of the Director of Agriculture of the County Council, and the County Council Veterinary Surgeons were responsible for the examination of the Tuberculin Tested Herds. Messrs. J. B. Jones of Bodhunod Dairy Farm, and O. H. Williams of Glasgraig Dairy Farm (situated in the adjoining Sanitary Authority) were granted licences to sell Grade A. (T.T.) Milk in the Town and neighbourhood. The former has now left the district. The number of Dairies and Cowsheds on the Register on December 31st, 1937 was twenty five

The Register is kept by the Clerk of the Council. The necessitous children at three Elementary Schools were supplied with Grade A. (T.T.) Milk free of charge, and it is pleasing to note that a large percentage of the other scholars were supplied with it at a price agreed upon by the Vendors, and the County Education Authority.

Meat and other Foods.

There are 4 Registered Slaughter Houses in the district, and all were found to be clean, well ventilated and in a good sanitary condition. Section 1 of the Slaughter of Animals Act 1933 was adopted to cover the slaughter of sheep, ewes, wethers and lamb. All the slaughter houses, and most of the carcasses were inspected by the Meat Officer. I received no complaints. The Register is kept by the Meat Officer.

Adulteration of Food, etc.

No action necessary.

Chemical and Bacteriological Examination of Food.

No action taken.

SECTION F.

Prevalence of, and control over Infectious and other Diseases.

Scarlet Fever.

Twenty three persons were notified to be suffering from Scarlet Fever, ten of whom were

removed to the Isolation Hospital. Twelve were treated at their homes owing to lack of accommodation at the Hospital, and in the one case remaining, the parents objected to the child's removal to Hospital.

The first two cases of Scarlet Fever resided at Furness Abbey in April 1937, and they were removed to Hospital. It was suggested that, in the case of these children, the disease had been contracted from an aunt who was in service at Llanerchymedd. In September a child was notified to be in a stage of desquamation, but the parents refused to have ^{her} removed to the Isolation Hospital. From September to the end of the year, 20 cases were notified, but as the Hospital was full owing to a general epidemic in the County, 12 of them had to be treated at their homes. The infected persons were well isolated, and in due course the homes thoroughly disinfected.

Diphtheria.

Five persons, four of whom were removed to Hospital, were notified to be suffering from Diphtheria. The remaining case, that of a sailor, arrived home with an infected throat, but was not admitted to Hospital, owing to lack of accommodation. Antidiphtheritic Serum was injected in each case. Every precaution was adopted to arrest the disease.

Influenzal Pneumonia.

Ten persons were notified as suffering from Acute Pneumonia.

Notifiable Diseases (other than Tuberculosis) during the year 1937.

Disease.	Total cases notified.	Cases admitted to Hospital.	Total Deaths
Scarlet Fever	23	10	0
Diphtheria	5	4	0
Influenzal Pneumonia	10	0	1

Prevention of Blindness.

Under Section 68 of the Public Health Act, 1925, no action was taken, not a single case of Ophthalmia Neonatorum was notified. The Blind Persons Act 1920 is administered by the North Wales Society for the Blind.

TUBERCULOSIS.

Age Period	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M	F	M	F	M	F	M	F
15 to 25	1	1	0	1	1	0	0	0
25 to 35	1	0	0	0	2	1	0	0

Of the four cases notified 3 were Pulmonary, and the other suffered from Tubercular Glands of the neck, two of the Respiratory Cases received Institutional treatment, the third case came home from sea with advanced phthisis and tubercular larynx, and proved fatal. All cases were promptly notified, and were examined by the Tuberculosis Officer who visits the district once a month. The cases were radiographed, and the sputum examined with the exception of the patient who died within three weeks after his return from sea. All contacts were also examined. Old cases received domiciliary treatment, and were kept under observation. In every case of death or removal of the patient, the infected houses and clothing, including the bedding were disinfected. During the year no bedding was burned, and therefore no replacement by the Sanitary Authority was necessary. The number on the Register at the end of the year was as follows :—

Pulmonary	..	Males 6	Females 8
Non-Pulmonary		Males 0	Females 1

No action was taken under the Public Health Act 1925, Section 62.

Bakehouses.

There are four Public Bake Houses in the district in addition to three others which are connected with Confectioners' Shops. All of them were inspected by the Sanitary Inspector, and found satisfactory, except for some minor defects which were attended to.

Workshops and Factories.

There are three Tobacco Factories, and 8 Workshops in the district. These were periodically visited, and found to comply with the Regulations. No application was received for a Certificate of Fitness for employment in a Factory or Workshop

I append the report of the Sanitary Inspector to whom I wish to offer my thanks for his willing co-operation. I also express my gratitude to the Chairman, Members and Clerk of the Council for their courtesy and general support.

I have the honour to be Gentlemen.

Your obedient Servant.

THOMAS JONES,

Medical Officer.

TREHINON,

AMLWCH, AUGUST, 26th, 1938.

To the Chairman and Members of the Amlwch Urban District Council.

GENTLEMEN.

I beg to submit to you my Annual Report for the year ending December, 1937.

Number of Inspections made to Dwelling Houses, Outbuildings, Back Yards, etc.	176
Number of Notices given for Sanitary defects	39
Number of Notices to abate Nuisances	31
Number of Notices given for cleansing of, and Repair to Earth Closets ..	16
Number of Notices given to provide Sanitary Pails	5
Number of Notices given to provide Surface drains	11

Housing, etc.

Plans were submitted and approved of, for the following new properties:—

Swn-y-Don, Bull Bay Road
 Dwyfor, Bull Bay Road
 Bryn, Bull Bay Road
 Royal Cinema, Madyn Road

Garages, Sheds, etc.

56, Bethesda Street	Shed
60, Bethesda Street	Shed
68, Bethesda Street	Shed
Morawel, Amlwch Port	Shed
17, Llewelyn Street, Amlwch Port ..	Shed
21, Ednyfed Hill, Amlwch Port ..	Shed
25, Ednyfed Hill, Amlwch Port ..	Shed
78, Bethesda Street	Shed
Gayholme, Bull Bay	Garage
Llwyndy, Bull Bay Road ...	Garage
Bryn Eithin, Bull Bay Road ..	Garage

House Alterations and Buildings.

Tyn Lon, Burwen	..	..	Alterations
9, Mona Street	..	..	Alterations
Hill Side, Pen Rhyd	..	..	Alterations
Llain Delyn, Pen Rhyd	..	..	Alterations and additions
12, Well Street, Amlwch Port		..	Alterations
Old Police Station, Wesley Street		..	Alterations
27, Salem Street	..	..	Alterations
Dangford Cottage, Turkey Shore		..	Alterations
Several minor alterations and improvements were carried out on different premises throughout the District.			

Disinfecting.

The following premises were disinfected :—

Trigfa, Machine Street, Amlwch Port
 44, Machine Street, Amlwch Port
 10, Brickfield Street, Amlwch Port
 Tredath Farm, Bethesda Street
 14, Bull Bay Road
 40, Wesley Street
 25, Wesley Street
 8, Llanelilian Road, Amlwch Port
 Abermore, Amlwch Port
 Foel Newydd, Rhosybol
 6, Salem Street
 Minawel, Bethesda Street
 50, Bethesda Street
 Ty Main, Mynydd Parys
 58, Salem Street

As instructed by the Medical Officer with his directions where possible all infected bedding and clothing etc., were destroyed by burning.

Drains.

60 yards of 6 inch drain was made at back of Park Terrace, Bethesda Street to receive surface and washing water, all the dwelling houses are connected to same.

The main drain at Bull Bay was extended outwards to the sea by 45 yards of 6 inch iron pipes as previously reported to you.

Old drains partially repaired and cleaned, Bull Bay Road, Wesley Street, and Bethesda Street. The Cesspool at Gwaen Fair Field and Pen Bone were emptied and cleaned the latter was filled in and a new cesspool made on another part of the land.

Water Supply.

The Water is obtained from Public Pumps, Public and Private Wells, are from time to time inspected by the Medical Officer and myself, are cleaned periodically by the Council employees, which report you will have already received.

Number of Public Pumps	..	..	16
Cover Protected Wells	..	..	10

Bakehouses.

In company with the Medical Officer we inspected the four Bakehouses which are kept clean and properly limewashed.

Dairies and Cowsheds.

These are periodically inspected, which are mostly old buildings in and outside the District, minor improvements have been carried out by the occupiers, new floors and channels, etc. I may say that they are kept perfectly clean and limewashed.

Number of Dairies and Cowsheds	25
--------------------------------	----	----	----

Slaughter Houses.

Four in Number were inspected, regularly during the year, as you have already received my monthly report. I am pleased to state they are kept clean ventilated floored and limewashed.

Street Scavenging,

The Scavenging work is carried out by the Council employees at the Town and Amlwch Port, which is under my supervision.

House Refuse.

This is collected once a week by the Council workmen in a covered cart from Town, Amlwch Port, Bull Bay, and Tanybryn Road, Total amount of refuse and rubbish collected and carted to the tipping ground 654 loads.

Sanitary Pails

The Sanitary Pails are collected and exchanged with clean limewashed pails weekly between the hours of 4 a.m. and 7 a.m. in a covered horse drawn Sanitary Waggon which is cleaned and the interior limewashed daily. The pails are collected from Town, Schools, Amlwch Port, Pentrefelin and Tanybryn Road. The contents of pails is buried at Bone Felin dumping ground.

I am Gentlemen,

Your obedient Servant,

Wm. ROBERTS,

Sanitary Inspector.

